

## ABoVE Full SDT Telecon – 11/21/13

Attendees: Sharon Billings, Natalie Boelman, Steve Colt, Scott Goetz, Peter Griffith, Guido Grosse, Bob Harriss, Dan Hayes, Jeremy Karchut, Eric Kasischke, Libby Larson, Michelle Mack, Dave McGuire, Juha Metsaranta, Mike Rawlins, Ruth Varner, Stan Wullschleger; Rapporteur: Elizabeth Hoy

### Current Business

1. Outstanding action items:
  - a. ACEP Chapters 1-3: SDT members should continue to review the text for chapters 1-3 and submit comments to SDT co-chairs soon (prior to Ottawa is preferred). The co-chairs are also working with the societal group to ensure that societal issues are well represented within the beginning chapters of the ACEP.
  - b. Chapter 4 Research Requirements Table: Most groups have provided inputs to this table, however the societal group will be turning in their edits by 11/22/13.
  - c. Chapter 4 Research Questions: Many groups have provided these inputs, which will be important at the Ottawa meeting. The soil carbon group will provide inputs by 11/22/13.
2. Progress discussion on methods-based research requirements
  - a. The SDT was divided into three method-based working groups. Co-leaders for these groups recently distributed material to their members for input. Overall, groups were asked to respond to issues identified by the SDT co-chairs (in bullet point format). A quick progress report was given by each group:

Method-based Group	Progress
Field	~64 variables identified in the chapter 4 table as field research variables were divided up by the co-leads to be addressed by the group members. This group plans to discuss some of these variables with experts outside the SDT if necessary. Responses are due to the co-leads by 11/30/13.
Remote Sensing	Information has been distributed by the co-leads to the group members. Members have been asked to identify relevant information for individual subvariables. Other SDT members have been asked to provide input as well. A variety of geospatial datasets were also included in the variable list for this group; the CCE office was tasked with collecting information on these variables.
Modeling	This group has organized themselves by model type and is discussing modeling needs and applications, in response to the questions sent by the SDT co-chairs. SDT members outside this group may be asked to comment about models they are more familiar with (such as coupled natural human models). Other models being discussed by the group are ecosystem, hydrologic, habitat and population, and disturbance models. This group also addressed the importance of scaling information in ABoVE and suggested that a breakout group during Ottawa (with a member from each method-based working group) might be necessary to further discuss scaling issues. Inputs are due to co-leads by 11/25/13.

Path forward: Method-based working groups should continue working on their assignments in preparation for the meeting in Ottawa. During Ottawa, the working groups will have time to present their findings to the SDT and allow for discussion by the larger group. The working groups should consider the structure of the ACEP and how best to incorporate the method-based information (as appendices, etc.).

3. Update on Ottawa: meeting logistics, agenda and objectives
  - a. Meeting space for the Ottawa meeting has been secured. Formalized invitations will be sent by email shortly.
  - b. Co-chair Hayes sent a preliminary agenda to the SDT for review and comment.
4. Timeline moving forward
  - a. Discussions of due dates and intermediate milestones for the ACEP are ongoing.

#### Upcoming Teleconferences and Meetings

- Third SDT Meeting: December 3-5<sup>th</sup> in Ottawa, Ontario
- AGU Town Hall: “Community Comment on NASA’s Arctic-Boreal Vulnerability Experiment (ABoVE)” TH32B; 12:30 PM - 1:30 PM; Room 2009 (Moscone West); Thursday 12 December
- AGU Session with ABoVE talk: “Integration of International Arctic Research Programs and Data Streams From Polar Observatories, User Facilities, Data Collection Networks, and Field Campaigns II” C33C; 1:40 PM - 3:40 PM; Room 3005 (Moscone West); Wednesday 11 December
- See ABoVE website for additional ABoVE relevant sessions at AGU:  
[http://above.nasa.gov/AGU\\_Sessions\\_2013.html](http://above.nasa.gov/AGU_Sessions_2013.html)
- Fourth SDT Meeting: February 3-5<sup>th</sup> near NASA GSFC